

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): ITO, Takao et al.
Serial No.: Not Yet Assigned
Filed: Herewith
For: APPARATUS FOR SEPARATING GAS INTO GAS
COMPONENTS USING IONIZATION
Art Unit: Not Yet Assigned
Examiner: Not Yet Assigned
Confirmation No.: Not Yet Assigned
Customer No.: 27623

Attorney Docket No.: 0001877USU/2215

Date: September 28, 2004

INFORMATION DISCLOSURE STATEMENT

Mail Stop PCT
COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, VA 22313-1450
Attention: DO/EO/US

Dear Sir:

In accordance with applicants' duty of disclosure under 37 C.F.R. §1.56, we are enclosing form PTO-1449 listing information that may be material to the patentability of this application.

We are also enclosing a copy of each of the following citations that are listed in form PTO-1449:

Japanese Patent Publication Nos.:

JP 04-022416; JP 09-248417; and JP 2001-070743.

Cited in the attached PTO-1449 are U.S. Patent Nos. 3,154,682; 5,961,693; and 6,585,809. Pursuant to the waiving of the requirement of 37 CFR 1.98 (a)(2)(i), copies of these U.S. references are not enclosed.

It should be understood that attention has been called to the citations that have been deemed to be pertinent to the claimed present invention. In concluding what was pertinent, the criteria employed was considered most appropriate in light of the invention shown in the present application. However, the Examiner or others may deem some other criteria to be just as appropriate or more appropriate. Therefore, the Examiner is respectfully urged to review the listed citations and to make the usual careful independent search for other prior art that may be pertinent.

Since this Information Disclosure Statement is being filed with the filing of the application, no petition or fee is required.

Applicants respectfully request favorable consideration and that this application be passed to allowance.

Respectfully submitted,



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Sheet 1 of 1.

FORM PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)	Docket Number (Optional) 0001877USU/2215	Application Number 107509450 Not Yet Assigned
	Applicant ITO et al.	
	Filing Date September 28, 2004	Group Art Unit Not Yet Assigned

U. S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	3,154,682	10/27/1964	HARTZ et al.	250	44	
	5,961,693	10/5/1999	ALTMAN et al.	95	78	
	6,585,809	7/1/2003	Komad PARSA	96	16	

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
	JP 04-022416	1/27/1992	JAPAN (w/abstract)			x	
	JP 09-248417	9/22/1997	JAPAN (abstract only)			x	
	JP 2001-070743	3/21/2001	JAPAN (w/abstract)			x	

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP §609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.